

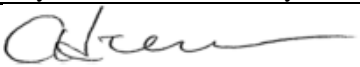


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DATA MATRIX

| | | | | | |
|------------------------------------|---|---|----------------------|--------|----------------------------|
| Date: December 30, 2019 | | EPA Reg No.: | 62719-287 | | |
| Registrant's Name & Address: | Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268 | Product: | Diclosulam Technical | | |
| Ingredients: Cloransulam-methyl | Chemical: | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | |
| 830.1700 | Preliminary Analysis | 51017101 | DAS | OWN | Submitted 12/30/19 |
| | | | | | |
| | Diclosulam Technical (62719-287) | | | | |
| 830.0000 | Physical and Chemical Characteristics | 43441003 | DAS | OLD | |
| 830.0000 | Physical and Chemical Characteristics | 44103517 | DAS | OLD | |
| 830.0000 | Physical and Chemical Characteristics | 43441007 | DAS | OLD | |
| 830.1550 | Product Identification and Disclosure of Ingredients | 43441001 | DAS | OLD | |
| 830.1550 | Product Identification and Disclosure of Ingredients | 44110701 | DAS | OLD | |
| 830.1550 | Product Identification and Disclosure of Ingredients | 44977901 | DAS | OLD | |
| 830.1550 | Product Identification and Disclosure of Ingredients | 45441701 | DAS | OWN | |
| 830.1550 | Product Identification and Disclosure of Ingredients | 43441004 | DAS | OLD | |
| 830.1600 | Description of Materials Used to Produce the Product | 45441701 | DAS | OWN | |
| 830.1620 | Description of Production Process | 45441701 | DAS | OWN | |
| 830.1620 | Description of Production Process | 44696301 | DAS | OLD | |
| 830.1670 | Discussion of Impurities | 45441701 | DAS | OWN | |
| 830.1700 | Preliminary Analysis | 44103515 | DAS | OLD | |
| 830.1700 | Preliminary Analysis | 44103516 | DAS | OLD | |
| 830.1700 | Preliminary Analysis | 43441005 | DAS | OLD | |
| 830.1750 | Certified Limits | 45441701 | DAS | OWN | |
| 830.1750 | Analytical Methods to Verify Certified Limits | 43441002 | DAS | OLD | |
| Signature: |  | Name and Title: Connie Hickman, Regulatory Leader, Dow AgroSciences LLC | | | Date: December 30, 2019 |



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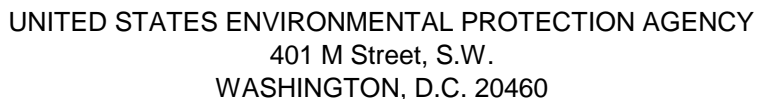
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| 830.1750 | Analytical Methods to Verify Certified Limits | 43441006 | DAS | OLD | |
| 830.6314 | Oxidizing or Reducing Action Explodability | 44103518 | DAS | OLD | |
| 830.6316 | Oxidizing or Reducing Action Explodability | 44103518 | DAS | OLD | |
| 830.6320 | Corrosion Characteristics | 45780701 | DAS | OWN | |
| 835.1230 | Leaching and Adsorption/Desorption | 43441045 | DAS | OLD | |
| 835.1230 | Leaching and Adsorption/Desorption | 43471901 | DAS | OLD | |
| 835.2120 | Degradation: Hydrolysis | 43441043 | DAS | OLD | |
| 835.2240 | Photodegradation: In Water | 43441044 | DAS | OLD | |
| 835.2410 | Photodegradation: In Water | 44192603 | DAS | OLD | |
| 835.4100 | Aerobic Soil Metabolism Study | 43441045 | DAS | OLD | |
| 835.4100 | Aerobic Soil Metabolism Study Leaching and Adsorption/Desorption | 44045201 | DAS | OLD | |
| 835.4300 | Anaerobic Aquatic Metabolism Study | 44192604 | DAS | OLD | |
| 835.4400 | Aerobic Aquatic Metabolism Study | 44103530 | DAS | OLD | |
| 835.6100 | Soil Field Dissipation Study | 44103531 | DAS | OLD | |
| 835.6100 | Soil Field Dissipation Study | 44630601 | DAS | OLD | |
| 835.6200 | Aquatic Sediment Field Dissipation Study | 44587803 | DAS | OLD | |
| 850.1010 | Invertebrate Toxicity Freshwater LC50 (Daphnia Preferred) | 43441014 | DAS | OLD | |
| 850.1010 | Invertebrate Toxicity Freshwater LC50 (Daphnia Preferred) | 44045202 | DAS | OLD | |
| 850.1075 | Fish Toxicity in Bluegill Sunfish | 43441012 | DAS | OLD | |
| 850.1075 | Fish Toxicity in Rainbow Trout | 43441013 | DAS | OLD | |
| 850.1075 | Fish Toxicity in Rainbow Trout | 44045203 | DAS | OLD | |

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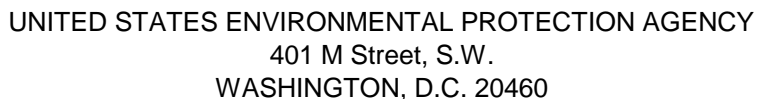
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| Ingredients: Cloransulam-methyl | Chemical: | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | |
| 850.1075 | Toxicity to Estuarine and Marine Organisms (in Fish) | 43441015 | DAS | OLD | |
| 850.1075 | Toxicity to Estuarine and Marine Organisms (in Mollusks) | 43441016 | DAS | OLD | |
| 850.1075 | Toxicity to Estuarine and Marine Organisms (in Shrimp) | 43441017 | DAS | OLD | |
| 850.1300 | Life Cycle in Aquatic Invertebrates (Daphnia/Mysid) | 43441018 | DAS | OLD | |
| 850.1400 | Fish Early Life Stage Toxicity Test | 50364001 | DAS | OLD | |
| 850.2100 | Avian Oral (LD50) | 43441008 | DAS | OLD | |
| 850.2200 | Avian Dietary (LC50) | 43441009 | DAS | OLD | |
| 850.2200 | Acute Avian Dietary Toxicity (LC50) in Bobwhite Quail | 43441010 | DAS | OLD | |
| 850.2200 | Acute Avian Dietary Toxicity (LC50) in Mallard Duck | 43441011 | DAS | OLD | |
| 850.2300 | Avian Reproductive Toxicity in Bobwhite | 44103536 | DAS | OLD | |
| 850.2300 | Avian Reproductive Toxicity in Mallard Duck | 44192605 | DAS | OLD | |
| 850.2300 | Avian Reproduction Test | 50618301 | DAS | OLD | |
| 850.3020 | Honey Bee Acute Contact (LD50) | 43441019 | DAS | OLD | |
| 850.4225 | Tier 2 Seed Germination and Seedling Emergence | 44103537 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44103538 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44103539 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44103540 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44103541 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44210701 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44103542 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44103543 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44103544 | DAS | OLD | |

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| Ingredients: Cloransulam-methyl | Chemical: | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44587805 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44587806 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44587807 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44587808 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44587809 | DAS | OLD | |
| 850.4400 | Tier 2 Aquatic Plant Growth | 44587810 | DAS | OLD | |
| 850.7100 | Data Reporting for Environmental Chemistry Methods | 44587802 | DAS | OLD | |
| 850.7100 | Data Reporting for Environmental Chemistry Methods | 44587804 | DAS | OLD | |
| 860.1000 | Nature of Residues in Plants | 44103503 | DAS | OLD | |
| 860.1300 | Nature of Residues in Plants | 44103504 | DAS | OLD | |
| 860.1300 | Nature of Residues in Livestock | 44103505 | DAS | OLD | |
| 860.1300 | Nature of Residues in Livestock | 44103506 | DAS | OLD | |
| 860.1300 | Nature of Residue - Plants, Livestock | 44315102 | DAS | OLD | |
| 860.1340 | Residue Analytical Method (Plants) | 44103507 | DAS | OLD | |
| 860.1340 | Residue Analytical Method (Plants) | 44103509 | DAS | OLD | |
| 860.1340 | Residue Analytical Method (Plants) | 44103510 | DAS | OLD | |
| 860.1340 | Residue Analytical Method (Plants) | 44103511 | DAS | OLD | |
| 860.1340 | Residue Analytical Method | 44315101 | DAS | OLD | |
| 860.1340 | Residue Analytical Method (Plants) | 44315103 | DAS | OLD | |
| 860.1500 | Crop Field Trials | 44103512 | DAS | OLD | |



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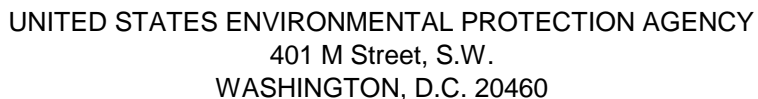
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| 860.1500 | Crop Field Trials | 44103513 | DAS | OLD | |
| 860.1500 | Crop Field Trials | 44315104 | DAS | OLD | |
| 860.1520 | Magnitude of the Residue in Processed Food/Feed | 44103512 | DAS | OLD | |
| 860.1520 | Magnitude of the Residue in Processed Food/Feed | 44103513 | DAS | OLD | |
| 860.1520 | Magnitude of the Residue in Processed Food/Feed | 44315105 | DAS | OLD | |
| 860.1550 | Proposed Tolerance | Admin | DAS | OLD | |
| 860.1550 | Proposed Tolerance | Admin | DAS | OLD | |
| 860.1560 | Reasonable Grounds in Support of Petition | Admin | DAS | OLD | |
| 860.1560 | Reasonable Grounds in Support of Petition | Admin | DAS | OLD | |
| 860.1850 | Confined Rotational Crop Study | 44103532 | DAS | OLD | |
| 870.1100 | Acute Oral Toxicity in the Rat | 43441021 | DAS | OLD | |
| 870.1100 | Acute Oral Toxicity in the Rat | 43441037 | DAS | OLD | |
| 870.1200 | Acute Dermal Toxicity | 43441022 | DAS | OLD | |
| 870.1200 | Acute Dermal Toxicity | 43441038 | DAS | OLD | |
| 870.1300 | Acute Inhalation Toxicity in the Rat | 43441023 | DAS | OLD | |
| 870.1300 | Acute Inhalation Toxicity in the Rat | 43441039 | DAS | OLD | |
| 870.2400 | Primary Eye Irritation in the Rabbit | 43441024 | DAS | OLD | |
| 870.2400 | Primary Eye Irritation in the Rabbit | 43441040 | DAS | OLD | |
| 870.2500 | Primary Dermal Irritation | 43441025 | DAS | OLD | |
| 870.2500 | Primary Dermal Irritation | 43441041 | DAS | OLD | |
| 870.2600 | Dermal Sensitization | 43441026 | DAS | OLD | |

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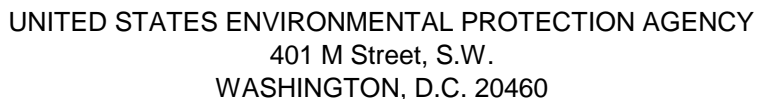
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| 870.2600 | Dermal Sensitization | 43441042 | DAS | OLD | |
| 870.3100 | 90-Day Feeding Study--Rodent and Nonrodent | 43441027 | DAS | OLD | |
| 870.3100 | 90-Day Feeding Study in the Rodent | 43441028 | DAS | OLD | |
| 870.3100 | 90-Day Feeding Study in the Rodent | 43441029 | DAS | OLD | |
| 870.3100 | 90-Day Feeding Study in the Rodent | 43441030 | DAS | OLD | |
| 870.3150 | 90-Day Feeding Study in the Non-Rodent | 43450401 | DAS | OLD | |
| 870.3200 | 21-Day Dermal | 44103523 | DAS | OLD | |
| 870.3200 | 21-Day Dermal | 44103514 | DAS | OLD | |
| 870.3700 | Teratogenicity in the Rat | 43441031 | DAS | OLD | |
| 870.3700 | Teratogenicity in the Rat | 43441032 | DAS | OLD | |
| 870.3700 | Teratogenicity in the Rabbit | 44103524 | DAS | OLD | |
| 870.3800 | 2-Generation Reproduction Study in the Rat | 44207402 D249626 | DAS | OLD | |
| 870.4200 | Oncogenicity | 44192602 D249626 | DAS | OLD | |
| 870.4300 | Chronic Feeding/Oncogenicity in the Rat | 44103525 | DAS | OLD | |
| 870.4300 | Chronic Feeding/Oncogenicity in the Rat | 44103526 | DAS | OLD | |
| 870.5140 | Gene Mutation | 43441034 | DAS | OLD | |
| 870.5140 | Gene Mutation | 43441035 | DAS | OLD | |
| 870.5385 | Structural Chromosomal Aberration | 43441033 | DAS | OLD | |
| 870.5385 | Structural Chromosomal Aberration | 43441036 | DAS | OLD | |
| 870.6200 | Acute Neurotoxicity Screening Battery in Rat | 44103522 | DAS | OLD | |

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| 870.6200 | Acute Neurotoxicity Screening Battery in Rat | 44192601 | DAS | OLD | |
| 870.6200 | Chronic Feeding Study in the Rodent | 44207401 | DAS | OLD | |
| 870.7485 | General Metabolism | 44103527 | DAS | OLD | |
| 830.6317 | Storage Stability | 45780701 | DAS | OWN | |
| 850.4100 | Terrestrial Plant Toxicity, Tier I (Seedling Emergence) | 44656201 | DAS | OLD | |
| 850.4150 | Terrestrial Plant Toxicity, Tier I (Vegetative Vigor) | 44656201 | DAS | OLD | |
| N/A | Salmonella - Escherichia Coli/Mammalian-Microsome Reverse Mutation Assay Preincubation Method With A Confirmatory Assay With Diclosulam (DE-564) | 45225501 | DAS | OWN | |
| N/A | Acute Delayed Neurotoxicity in the Rat Subchronic Testing | 45225502 | DAS | OWN | |
| N/A | Acute Delayed Neurotoxicity in the Rat Subchronic Testing | 45225503 | DAS | OWN | |
| N/A | Motor Activity Positive Control Study: Effects of Amphetamine and Chlorpromazine | 45225504 | DAS | OWN | |
| N/A | Response to the DER on XDE-564: Acute Neurotoxicity Screen in Fischer 344 Rats (MRID No. 44192601) | 45225505 | DAS | OWN | |
| N/A | Response to EPA Review on the Chronic Oral Neurotoxicity in Rats on Diclosulam (XDE-564) (Corning Hazleton Incorporated Study ID: CHV 174-141) MRID #44103526 | 45225506 | DAS | OWN | |



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| Date: December 30, 2019 | | EPA Reg No.: | 62719-287 | | |
| Registrant's Name & Address: | Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268 | Product: | Diclosulam Technical | | |
| Ingredients: Cloransulam-methyl | Chemical: | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | |
| N/A | Supplemental Information for Establishment of Diclosulam Tolerances in Soybeans and Peanuts under the Requirements of the Food Quality Protection Act of 1996 | 44587801 | DAS | OLD | |
| N/A | Efficacy and Soybean Tolerance with Soil-Applied XDE-564 (Strongarm) in Southern U.S. - 1995. | 45173101 | DAS | OWN | |
| N/A | Efficacy and Soybean Tolerance with Soil-Applied Diclosulam (Strongarm) in Southern U.S. - 1996. | 45173102 | DAS | OWN | |
| N/A | The Crop Tolerance and Yield of Soybeans when Strongarm is Used Sequentially with other ALS Herbicides in the Same Season or When Used Alone Over One or Two Seasons in Coastal U.S. - 1996 - 1997 | 45173103 | DAS | OWN | |
| N/A | Efficacy and Crop Tolerance of Strongarm in Scale-Up Studies in Coastal Soybeans in 1997 | 45173104 | DAS | OWN | |
| N/A | The Use of Strongarm in Coastal Roundup Ready Soybeans in 1997 | 45173105 | DAS | OWN | |
| N/A | An Assessment of the Benefits Diclosulam (Strongarm) Offers Farmers Growing Glyphosate-Tolerant and Non- Glyphosate-Tolerant Soybeans in the Southern U.S. | 45211001 | DAS | OWN | |
| N/A | Public Interest Document for Products Containing Diclosulam | Admin | DAS | OLD | |
| N/A | Acute Toxicity of XDE-564 Herbicide to the Earthworm, <i>Eisenia foetida</i> | 43441020 | DAS | OLD | |
| N/A | A Review of the Mammalian Toxicity of Diclosulam | 44103519 | DAS | OLD | |



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| N/A | Tier I Ecological Risk Assessment for Diclosulam (DE-564) | 44103533 | DAS | OLD | |
| N/A | A Review of the Toxicity of Diclosulam (DE-564) Herbicide to Fish, Wildlife and Plants | 44103534 | DAS | OLD | |
| N/A | Estimation of Exposure and Risk to Workers from the Use of Diclosulam (DE-564) Herbicide on Soybeans | 44103520 | DAS | OLD | |
| N/A | XDE-564: Oral Gavage Teratology Probe Study in New Zealand White Rabbits | 44103521 | DAS | OLD | |
| N/A | Phytotoxicological Effects of XDE-564 and its Soil Degradates | 44103535 | DAS | OLD | |
| N/A | Effect of Soil Temperature and Moisture on XDE-564 Degradation in Soil | 44651201 | DAS | OLD | |
| N/A | Summary of the Environmental Fate of DE-564 | 44103528 | DAS | OLD | |
| N/A | Diclosulam Tier II Ground Water Vulnerability Exposure Assessment in the USA Soybean Markets | 44103529 | DAS | OLD | |
| N/A | Aquatic and Terrestrial Risk Assessment for Diclosulam (DE-564) in the Southeastern United States | 44587811 | DAS | OLD | |
| N/A | Interpretive Summary of Diclosulam (DE-564) Soybean Residue Chemistry | 44103501 | DAS | OLD | |
| N/A | Independent Laboratory Validation of Method GRM 94.19 - Determination of Residues of XDE-564 in Soybean Grain, Forage and Hay by Capillary Gas Chromatography with Mass Selective Detection | 44103502 | DAS | OLD | |



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| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | |
| N/A | A Summary of the Non-Destruct Experimental Use Program 62719-EUP-40 for Use on Peanuts BF-309/XDE-564 (Diclosulam) | 45606801 | DAS | OLD | |
| N/A | A Summary of the Experimental Use Program 62719-EUP-40 for Use on Peanuts | 45238601 | DAS | OLD | |
| N/A | Reduced Risk Rationale for Diclosulam Herbicide Used in the Control of Broadleaf Weeds in Peanuts | 44593401 | DAS | OLD | |
| N/A | Diclosulam: A single-exposure laboratory toxicity study in larvae of the honey bee Apis mellifera Linnaeus. (Hymenoptera: Apidae) | 50436901 | DAS | OLD | |
| N/A | Diclosulam: A laboratory study to determine the chronic oral toxicity to the adult worker honey bee Apis mellifera L. (Hymenoptera: Apidae) | 50436902 | DAS | OLD | |
| N/A | Diclosulam: A repeated-exposure laboratory toxicity study in larvae, pupae and emergent adults of the honey bee Apis mellifera Linnaeus. (Hymenoptera: Apidae) | 50436903 | DAS | OLD | |
| N/A | Diclosulam TGAI: Acute Oral Toxicity to the Honey Bee, Apis mellifera | 50436904 | DAS | OLD | |
| N/A | [14C]-Diclosulam: Aerobic Soil Metabolism | 50751601 | DAS | OLD | |
| N/A | Reduction of Residues | Admin | DAS | OLD | |
| N/A | Reduction of Residues | Admin | DAS | OLD | |
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